



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Sokolov et al.

Attorney Docket No.: SUN1P828/P6116

Application No.: 09/939,122

Examiner: KHATRI, ANIL

Filed: August 24, 2001

Group: 2124

Title: FRAMEWORKS FOR GENERATION OF  
JAVA MACRO INSTRUCTIONS IN JAVA  
COMPUTING ENVIRONMENTS

Confirmation No.: 3338

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on January 6, 2005 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

Susan W. Xu

**INFORMATION DISCLOSURE STATEMENT  
37 CFR §§1.56 AND 1.97(b)**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is

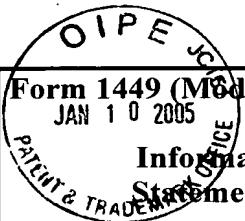
believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. SUN1P828).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP



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Form 1449 (Modified)  
JAN 10 2005

Information Disclosure  
Statement By Applicant

(Use Several Sheets if Necessary)

Atty. Docket No.  
SUN1P828/P6116  
Applicant:  
Sokolov et al.  
Filing Date  
August 24, 2001

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U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	2002/0046298A1	04/18/02	Bak et al.			06/30/97
	B	4,086,626	04/25/78	Chung			06/07/76
	C	4,667,290	05/19/87	Goss et al.			09/10/84
	D	5,838,980	11/17/98	Guillen et al.			06/25/97
	E	5,872,978	02/16/99	Hoskins			12/19/96
	F	5,893,084	04/06/99	Morgan et al.			10/04/96
	G	5,903,761	05/11/99	Tyma			10/31/97
	H	5,920,720	07/06/99	Toutonghi et al.			02/25/97
	I	6,026,485	02/15/00	O'Connor et al.			01/23/97
	J	6,072,951	06/06/00	Donovan et al.			10/15/97
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	W	6,658,421 B1	12/02/03	Seshadri			02/14/00

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
X		EP 0 996 059 A2	04/26/00	EPO				
Y		WO 02/077807 A1	10/03/02	PCT				
Z		WO 02/41145 A2	05/23/02	PCT				
AA		WO 99/18484	04/15/99	PCT				
Examiner				Date Considered				

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>Form 1449 (Modified)</b> <b>JAN 10 2005</b> <b>Information Disclosure</b> <b>Statement By Applicant</b> <small>(Use Several Sheets if Necessary)</small>		<b>Atty. Docket No.</b> <b>SUN1P828/P6116</b> <b>Applicant:</b> <b>Sokolov et al.</b> <b>Filing Date</b> <b>August 24, 2001</b>	<b>Application No.:</b> <b>09/939,122</b> <b>Group</b> <b>2124</b>
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### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	BB	Lambright H D, "Java Bytecode Optimizations" Proceedings of IEEE Compcon '97. San Jose, Feb. 23-26, 1997, pages 206-210, XP-000751784
	CC	Accomazzo E et al., "Integrating intermediate Code Optimization with Retargetable Code Generation" Microprocessing and Microprogramming, Elsevier Science Publishers, BV. Amsterdam, NL, vol. 30, No. 1/5, August 1, 1990, pages 475-481, XP000141684
	DD	Tim Ritchey, "Java!" 1995, New Riders Publishing, pgs, 326-343
	EE	Microsoft Press Computer Dictionary Third Edition, pgs. 294-295
	FF	Jon Meyer & Troy Downing, "Java Virtual Machine," 1997, O'Reilly & Associates, Inc. pgs. 46, 56-57, 74-75, 389 and 391
	GG	McNeley KJ et al., "Emulating a Complex Instruction Set Computer With a Reduced Instruction Set Computer," IEEE Micro, IEEE Inc. New York, US, vol. 7, no. 1, February 1987, Pages 60-71. XP-000827611
	HH	Jean-Paul Billon, "JEFFWEG4 (J Executable File Format), Release 1.0 Achievements, 9/29/2000," J Consortium Jeff Working Group, pages 1-24. XP-002208358
	II	Jean-Paul Billon, "J Executable File Format (JEFF) Specification, Draft," J Consortium Jeff Working Group, 'Online! February 22, 2001, pages 1-43. XP-002208357
	JJ	Case B: "Implementing The Java Virtual Machine Java's Complex Instruction Set Can Be Built in Software or Hardware," Microprocessor Report, Vol.10, no. 4, March 25, 1996, pages 12-17. XP-000987276
	KK	Chang et al., "EJVM: an economic Java run-time environment for embedded devices," Software Practice & Experience, 2001, John Wiley & Sons, Ltd., Vol. 31, pages 129-146. XP-000987539
	LL	Gosling et al., "The Java™ Language Specification", August 1, 1996, pages 215-236. XP 002042923
	MM	Zhenyu Qian, "A formal Specification of Java™ Virtual Machine Instructions," Technical Report, University Bremen; November 1997, pages 1-32. XP-002255760
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.